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Application Number	10/549,345
Filing Date	September 14, 2005
First Named Inventor	Daniel Rodriguez Greve
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	05432/100M668-US1

	EN	CLOSURES (Check all	that apply	γ)		
Fee Transr	mittal Form	Drawing(s)		After Allowance Communication to TC		
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Printed name	Mitchell Bernstein, F	Ph.D.				
Date	March 28, 2006		Reg. No.	46,550		

Express Mail Label No.	Dated:	



Docket No.: 05432/100M668-US1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Daniel Rodriguez Greve et al.

Application No.: 10/549,345

Filed: September 14, 2005 Art Unit: Not Yet Assigned

For: SUBSTITUTED ANILINE DERIVATIVES Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Also enclosed is an International Search Report, dated July 20, 2004, which issued during the prosecution of International Application No. PCT/DK2004/000162, which corresponds to the present application.

Documents no. 1, 3, 5, 7, 8, and 11 on the attached PTO/SB/08 are not in English.

Documents 1, 7, and 11 are cited on the aforementioned International Search Report. Documents 5 and 8 include English language abstracts. A separate English language abstract is provided for document 3. Further reference to these documents is found in the specification at page 2, lines 24-25 (document 3); page 5, lines 17-24 (document 5); and page 5, lines 6-8 (document 8). Thus, the required concise explanation of the relevance of documents 1, 3, 5, 7, 8, and 11 is believed to be provided.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: March 28, 2006

Respectfully submitted,

Mitchell Bernstein, Ph.D.

Registration No.: 46,550

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				Application Number	10/549,345	
	NFORMATIO	N DI	SCLOSURE	Filing Date	September 14, 2005	
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				Art Unit	Not Yet Assigned	
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Sheet	1	of	3	Attorney Docket Number	05432/100M668-US1	

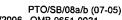
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		FOREI	GN PATENT	DOCUMENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner City		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
	1	EP 0 386 452 B1	09-12-1990	BASF Aktiengesellschaft		
2 EP 0 515 684 A1 12-02-1992 Chugai Seiyaku Kabushiki						
				Kaisha		
	3	EP 0 554 543 A2	08-11-1993	ASTA Medica		
				Aktiengesellschaft		
	4	EP 1 369 420 A1	12-10-2003	Aventis Pharma Deutschland		
				GmbH		
	5	WO 97/15300 A2	05-01-1997 ASTA Medica			
	ŀ			Aktiengesellschaft		
	6	WO 00/39118 A1	07-06-2000	Eli Lilly and Co.		
	7	WO 01/09612 A1	02-08-2001	Arzneimittelwerk Dresden		
	Į.			GmbH		
	8	WO 01/22953 A2	04-05-2001	ASTA Medica AG		
	9	WO 01/92526 A1	12-06-2001	Bristol-Myers Squibb Co.		
	10	WO 01/96540 A2	12-20-2001	Dupont Pharmaceuticals Co.		
	11	WO 02/18318 A1	03-07-2002	Wella Aktiengesellschaft		
	12	WO 02/49628 A2	06-27-2002	Wyeth		

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	NON PATENT LITERATURE DOCUMENTS						
American Psychiatric Association, Diagnostic and Statistical Manual of Mental Disorders, 4 1994, pp. 110-13, 393-444, and 623-27.							
14	BIALER et al., "Progress report on new antiepileptic drugs: a summary of the Sixth Eilat Conference (EILAT VI)," Epilepsy Res 2002, 51, 31-71.						
11	BLACKBURN-MUNRO et al., "The anticonvulsant retigabine attenuates nociceptive behaviours in rat models of persistent and neuropathic pain," Euro J Pharmacol 2003, 460, 109-16.						
10	CAPACIO et al., "Use of the accelerating rotarod for assessment of motor performance decrement induced by potential anticonvulsant compounds in nerve agent poisoning," Drug Chem Toxicol 1992, 15, 177-201.						

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Sub	stitute for form 1449A/B/P	то		Complete if Known		
				Application Number	10/549,345	
IN	IFORMATIO	N DI	SCLOSURE	Filing Date	September 14, 2005	
STATEMENT BY APPLICANT				First Named Inventor	Daniel Rodriguez Greve	
				Art Unit	Not Yet Assigned	
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Sheet	2	of	3	Attorney Docket Number	05432/100M668-US1	

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	17	Commission on Classification and Terminology of the International League Against Epilepsy, "Proposal for revised clinical and electroencephalographic classification of epileptic seizures," Epilepsia 1981, 22, 489-501.	
	18	Commission on Classification and Terminology of the International League Against Epilepsy, "Proposal for revised classification of epilepsies and epileptic syndromes," Epilepsia 1989, 30, 389-99.	
	19	COOPER et al., "Colocalization and coassembly of two human brain M-type potassium channel subunits that are mutated in epilepsy," Proceedings Nat Acad Sci USA 2000, 97, 4914-19.	
e .	20	DAVOLL et al., "Folate antagonists. 2. 2,4-Diamino-6-{[aralkyl and (heterocyclic)methyl]amino}quinazolines, a novel class of antimetabolites of interest in drugresistant malaria and Chagas' disease," J Med Chem 1972, 15, 812-26.	
	21	EBERT et al., "Delayed sclerosis, neuroprotection, and limbic epileptogenesis after status epilepticus in the rat," Epilepsia 2002, 43 Suppl 5, 86-95.	
	22	GOLDSTEIN et al., "Localization of KCNQ and KCNE channel subunits in the central and peripheral nervous system of the rat," Soc Neuroscience Abstracts 2003, 53.8.	
	23	HAMILL et al., "Improved patch-clamp techniques for high-resolution current recording from cells and cell-free membrane patches," Phlugers Arch 1981, 391, 85-100.	
	24	HARTZ et al., "The KCNQ channel opener retigabine has anxiolytic properties," J Psychopharmacol 2003, 17 Suppl 3, A28, B14.	
	25	JENTSCH, "Neuronal KCNQ potassium channels: physiology and role in disease," Nature Rev: Neuroscience 2000, 1, 21-30.	
	26	KEENEY et al., "Alterations in core body temperature, locomotor activity, and corticosterone following acute and repeated social defeat of male NMRI mice," Physiol Behavior 2001, 74, 177-84.	
	27	KIMBALL et al., "Biological effects of fast neutrons from an internal target cyclotron: physical methods and dominant lethals in <i>drosophila</i> ," Radiation Res 1957, 6, 173-87.	
	28	LITVINENKO et al., Dokl Chem 1981, 259, 317-320 (abstract).	
	29	MARRION, "Control of M-current," Annual Rev Phys 1997, 59, 483-504.	<u> </u>
-	30	MEYER et al., "N²-(4-substituted-2,6-dicholorophenyl)-N¹,N¹-dimethylformamidines as antihypertensive and diuretic agents," J Med Chem 1984, 27, 1705-10.	
	31	NODA et al., "KCN channels in glial cells," Soc Neuroscience Abstracts 2003, 53.9.	
	32	NUTT et al., "Optimizing the pentetrazol infusion test for seizure threshold measurement," J Pharmacy Pharmacol 1986, 38, 697-98.	
··· ·	33	PORRETTA et al., "Research on anti-bacterial and anti-fungal agents II. Synthesis and anti-fungal activity of new (1H-imidazol-1-ylmethyl)-benzenamine derivatives," Euro J Med Chem 1998, 23, 311-17.	
	34	RACINE, "Modification of seizure activity by electrical stimulation: II. Motor seizure," Electroencephalography Clin Neurophysiol 1972, 32, 281-94.	
	35	ROBBINS, "KCNQ potassium channels: physiology, pathophysiology, and pharmacology," Pharmcol Ther 2001, 90, 1-19.	
	36	ROGAWSKI, "KCNQ2/KCNQ3 K* channels and the molecular pathogenesis of epilepsy: implications for therapy," Trends in Neuroscience 2000, 23, 393-98.	

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l IN	IFORMATION	l DI	SCLOSURE	Filing Date	September 14, 2005	
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				Art Unit	Not Yet Assigned	
(Use as many sheets as necessary)				Examiner Name	Not Yet Assigned	
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		and/or country where published.	
	37	ROSTOCK et al., "D-23129: a new anticonvulsant with a broad spectrum activity in animal models of epileptic seizures," Epilepsy Res 1996, 23, 211-23.	
	38	SAGANICH et al., "Differential expression of genes encoding subthreshold-operating voltage-gated K ⁺ channels in brain," J Neuroscience 2001, 21, 4609-24.	
	39	SCALZO et al., "Studies on substrates with antibacterial and antifungal activity," Farmaco Edizone Scientifica 1986, 41, 292-307 (abstract).	
	40	SCHRODER et al., "KCNQ4 channel activation by BMS-204352 and retigabine," Neuropharmacol 2001, 40, 888-98.	
	41	SEYDEL et al., "Synthesis and quantitative structure-activity relationships of anticonvulsant 2,3,6-triaminopyridines," J Med Chem 1994, 37, 3016-22.	
	42	STARR et al., "Paradoxical facilitation of pilocarpine-induced seizures in the mouse by MK-801 and the nitric oxide synthesis inhibitor L-NAME," Pharmacol Biochem Behavior 1993, 45, 321-25.	
	43	TANG et al., "Development and evaluation of high throughput functional assay methods for hERG potassium channel," J Biomol Screen 2001, 6, 325-31.	
·	44	TATULIAN et al., "Activation of expressed KCNQ potassium currents and native neuronal M- type potassium currents by the anti-convulsant drug retigabine," J Neuroscience 2001, 21, 5535-45.	
	45	TOBER et al., D-23129: a potent anticonvulsant in the amygdala kindling model of complex partial seizures," Euro J Pharmacol 1996, 303, 163-69.	
	46	WATSON et al., "The novel anticonvulsant, gabapentin, protects against both convulsant and anxiogenic aspects of the ethanol withdrawal syndrome," Neuropharmacol 1997, 36, 1369-75.	
	47	WICKENDEN et al., "Retigabine, a novel anti-convulsant, enhances activation of KCNQ2/Q3 potassium channels," Molec Pharmacol 2000, 58, 591-600.	
	48	WICKENDEN et al., "KCNQ channel expression in rat DRG following nerve ligation," Soc Neuroscience Abstracts 2002, 454.7.	
	49	WLAZ et al., "Frontal versus transcorneal stimulation to induce maximal electroshock seizures or kindling in mice and rats," Epilepsy Res 1998, 30, 219-29.	
	50	YIN et al., "Palladium-catalyzed intermolecular coupling of aryl halides and amides," Organic Letters 2000, 2, 1101.	·

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